



Ashur Cherry



“Writing is the mother of speakers, the father of scholars”



Determinatives and Markers by Designation Sumero-Akkadian Cuneiform



Ashur Cherry
York University
Toronto, Ontario

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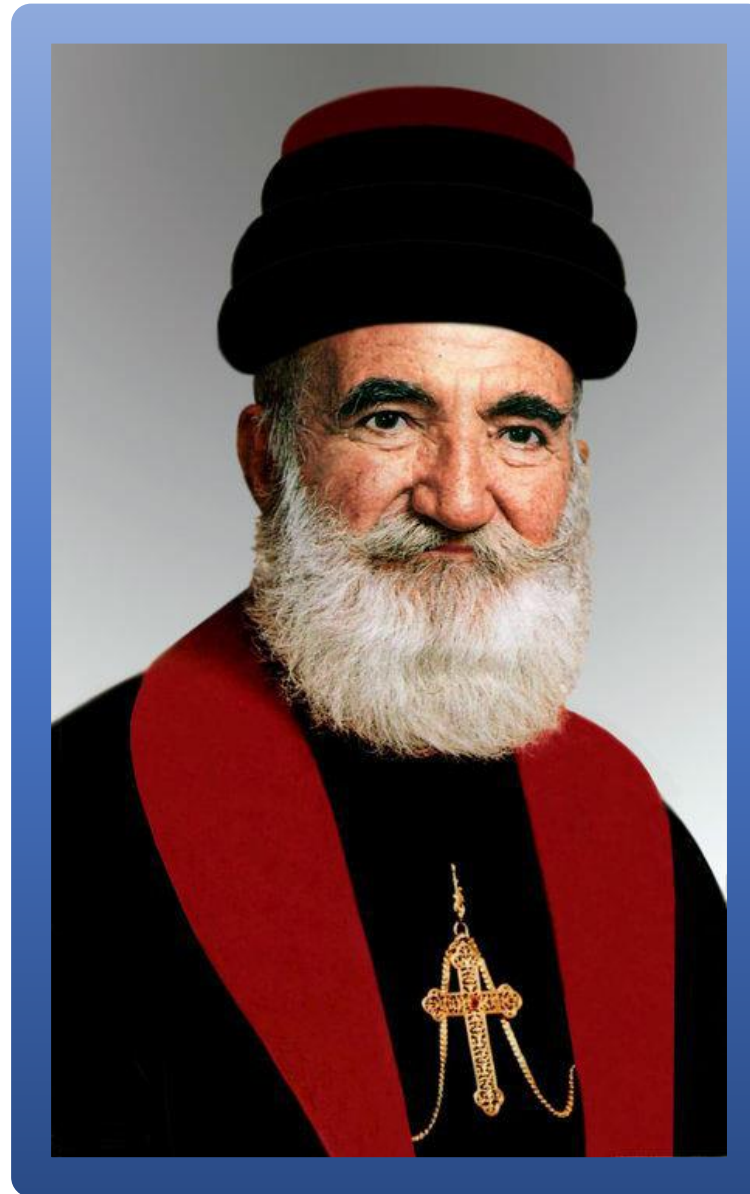
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Acknowledgement

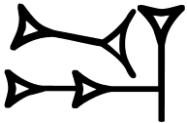
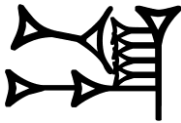
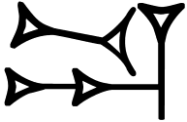











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I dedicate this book in memory of His Holiness † Mar Yousip Khnanisho
Archbishop of Shamisdin and Rustaqa



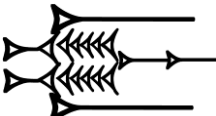


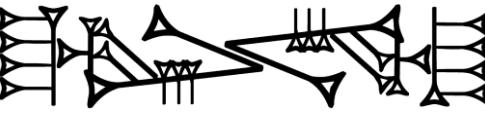

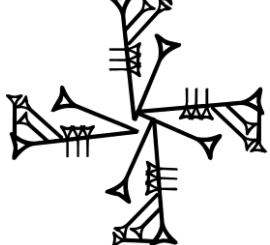









Seventy-Two Years of Dedication Toward His People, Church and Assyrian Nation
Thursday, May 18, 1893 (Mar Ishoo, Turkey) – Sunday, July 3, 1977 (Baghdad, Iraq)








Modifiers Overview





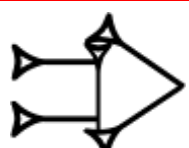


Modifier	Meaning	Sign		Example	
-gunû	four extra wedges	DU		DU-gunû	
-šeššig	added še-sign	DU		DU-šeššig	
-tenû	slanting	LÚ		LÚ-tenû	
-nutillû	unfinished	SAG		SAG-nutillû	
-zidatenû	slanting right	AŠ		AŠ-zidatenû	
-kabatenû	slanting left	AŠ		AŠ-kabatenû	
-<digits>°	rotated	NAGA		NAGA-180°	






Operators Overview







Operator	Meaning	Example	Sign
.	beside	DU . DU	
×	containing	NÍNDA×AN	
×	containing/group	NÍNDA× (ŠE . AŠ . AŠ)	
&	above	DU&DU	
%	crossing	(AŠ&AŠ&AŠ) % (AŠ&AŠ&AŠ)	
@	opposing	LUGAL@LUGAL	
3×	repeated	3×AN	
4×	repeated	4×LÚ	







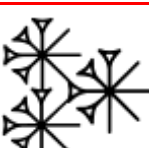
Determinative / Marker	Sign	Description
:		separation marker
h		repetition and separation marker
:		separation marker
ḥi.a		marker <i>after</i> plurals and collectives (= ḥá)
áb		determinative: before stars instead of <i>mul</i>
àm		determinative: <i>after</i> ordinal numbers
ta.àm		determinative: <i>after</i> distributive numbers








Determinative / Marker	Sign	Description
<i>diš</i>		determinative: before (mainly masculine) personal names (= <i>I/m/p</i>)
<i>diš</i>		marker for beginning sentences and paragraphs
<i>diš.aš</i>		repetition marker
<i>dug</i>		determinative: before vessels
<i>é</i>		determinative: before buildings and parts of buildings
<i>elep</i>		determinative: before ship designations (= <i>má</i>)
<i>f</i>		determinative: before feminine people, animals, professions (<i>mí/munus/sal</i>)








Determinative / Marker	Sign	Description
<i>gada</i>		determinative: before linen garments
<i>geš</i>		determinative: before trees, wooden objects, implements (= <i>iṣu</i>)
<i>giš</i>		determinative: before trees, wooden objects, implements (= <i>iṣu</i>)
<i>gi</i>		determinative: before (objects made with) grass, reeds
<i>gu₄</i>		determinative: before oxen and cows
<i>gud</i>		determinative: before oxen and cows
<i>ḡa</i>		determinative: <i>after</i> fish (= <i>ku₆/kua</i>)






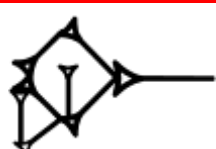

Determinative / Marker	Sign	Description
<i>iṣu</i>		determinative: before trees, wooden objects, implements (= <i>geš/giš</i>)
<i>iti</i>		determinative: before month names
<i>itu</i>		determinative: before month names
<i>kam</i>	No sign exist	determinative: <i>after</i> numbers, especially ordinals
<i>kám</i>	No sign exist	determinative: <i>after</i> ordinal numbers
<i>kaš</i>		determinative: before varieties of beer
<i>ki</i>		determinative: <i>after</i> geographical and place names


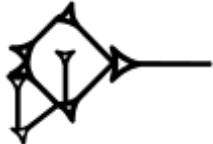





Determinative / Marker	Sign	Description
<i>kimin</i>	No sign exist	repetition marker
<i>ku₆</i>		determinative: <i>after</i> fish (= <i>ḥa</i>)
<i>kua</i>		determinative: <i>after</i> fish (= <i>ḥa</i>)
<i>kur</i>		determinative: before lands and mountains
<i>kuš</i>		determinative: before leather items, animal hide
<i>lú</i>		determinative: before professions, clans, nationalities
<i>m</i>		determinative: before (mainly masculine) personal names (= <i>I/diš/p</i>)

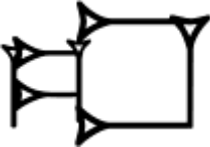





Determinative / Marker	Sign	Description
<i>má</i>		determinative: before ship designations (= <i>elep</i>)
<i>me</i>		marker <i>after</i> plurals (= <i>méš</i>)
<i>meš</i>		marker <i>after</i> plurals (mainly logograms) and iterative verbs
<i>méš</i>		marker <i>after</i> plurals (= <i>me</i>)
<i>mí</i>		determinative: before feminine people, animals, professions (= <i>f/munus/sal</i>)
<i>min</i>		marker <i>after</i> duals (= <i>II</i>); repetition marker
<i>mul</i>		determinative: before stars, planets; N/LB instead of <i>ul</i> or <i>te/múl</i>

Determinative / Marker	Sign	Description
<i>múl</i>		determinative: before stars (= <i>te</i>)
<i>mul₅</i>		determinative: before stars
<i>munus</i>		determinative: before feminine people, animals, professions (= <i>f/mí/sal</i>)
<i>mušen</i>		determinative: <i>after</i> birds
<i>na₄</i>		determinative: before stones (= <i>ia₄/zá</i>)
<i>nar</i>		determinative: before musicians (very seldom)
<i>ninda</i>		determinative: before varieties of baked goods

Determinative / Marker	Sign	Description
<i>p</i>		determinative: before (mainly masculine) personal names (= <i>I/diš/m</i>)
<i>sa</i>		determinative: before woven items and similar
<i>sal</i>		determinative: before feminine people, animals, professions (= <i>f/mí/munus</i>)
<i>sar</i>		determinative: <i>after</i> garden plants
<i>síg</i>		determinative: before types of wool and woolen items
<i>sík</i>		determinative: before types of wool and woolen items
<i>siki</i>		determinative: before types of wool and woolen items

Determinative / Marker	Sign	Description
še		determinative: before grains
šem		determinative: before aromatic and resinous plants and similar
šim		determinative: before aromatic and resinous plants and similar
ta.àm		determinative: <i>after</i> distributive numbers
te		determinative: before stars (= <i>múl</i>)
tu ₁₅		determinative: before the 4 directions, winds, clay objects (= <i>im/tum₉/tumu</i>)
túg		determinative: before clothing and cloth

Determinative / Marker	Sign	Description
<i>tum₉</i>		determinative: before the 4 directions, winds, clay objects (= <i>im/tu₁₅</i>)
<i>tumu</i>		determinative: before the 4 directions, winds, clay objects (= <i>im/tu₁₅</i>)
<i>ú</i>		determinative: before plants and (sometimes) drugs
<i>ù</i>		repetition marker
<i>udu</i>		determinative: before sheep and goats
<i>ul</i>		determinative: before stars
<i>uru</i>		determinative: before cities, places

Determinative / Marker	Sign	Description
<i>urudu</i>		determinative: before metal and metal objects
<i>uzu</i>		determinative: before parts of the body and pieces of flesh
<i>zá</i>		determinative: before stones (= <i>ia</i> ₄ / <i>na</i> ₄)
<i>zabar</i>		determinative: before copper objects (seldom)
<i>zì</i>		determinative: before types of meal
<i>zíd</i>		determinative: before types of meal

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